

Amendments to the Claims:

1. (Cancelled)
2. (Currently Amended) The A method of claim 1, further for use in identifying a frame type of one or more frames wirelessly communication, comprising:
receiving a wireless communication containing a frame having a plurality of bearer bits;
determining when the frame passes a predefined quality parameter;
analyzing at least a portion of the bearer bits within the frame when the frame does not pass the predefined quality parameter;
determining when the frame is an erased frame based on the analyzing of the portion of the bearer bits within the frame;
determining when the frame is a discontinuous transmission mode (DTX) frame, comprising analyzing a header of the frame; and
determining when the header comprises an expected series of bits.
3. (Original) The method of claim 2, further comprising:
requesting an increase in a transmit power when the frame is an erased frame; and
maintaining the transmit power when the header comprises an expected series of bits.

4. (Original) The method of claim 2, wherein the determining when the frame is a DTX frame comprises comparing at least a portion of the header with a previously received sequence number.

5. (Original) The method of claim 2, further comprising:
defining the frame as an erased frame when the header comprises the expected series.

6. (Currently Amended) ~~The A method of claim 1, further for use in identifying a frame type of one or more frames wirelessly communication,~~ comprising:

receiving a wireless communication containing a frame having a plurality of bearer bits;

determining when the frame passes a predefined quality parameter;
analyzing at least a portion of the bearer bits within the frame when the frame does not pass the predefined quality parameter;

determining when the frame is an erased frame based on the analyzing of the portion of the bearer bits within the frame;

counting a number of zero bearer bits within at least a tail end of the frame;
determining when the number of zero bits exceeds a predefined threshold; and
defining the frame as an erased frame when the number of zero bits exceeds the predefined threshold.

7. (Original) The method of claim 6, wherein the analyzing the portion of the bits comprises:

determining when a header comprises an expected sequence when the number of zero bits does not exceed the predefined threshold;

defining the frame as an erased frame when the header comprises the expected parameter; and

defining the frame as a DTX frame when the header does not comprise the expected parameter.

8. (Cancelled)

9. (Currently Amended) ~~The A method of claim 8, further method for enabling wireless communication, comprising:~~

receiving a wireless communication containing a frame having a plurality of bits;

determining when the frame satisfies a quality check;

analyzing at least a portion of the bits within the frame when the frame does not satisfy the quality check;

determining when the at least the portion of the bits analyzed exceeds a threshold;

and

identifying the frame as a discontinuous transmission (DTX) when the analyzing of the at least the portion of the bits fails to exceed the threshold;

determining when the frame comprises an expected sequence of bits; and

performing the identifying the frame as the DTX when the frame does not comprise the expected sequence.

10. (Original) The method of claim 9, wherein the analyzing the at least the portion of the bits comprises counting a number of bearer bits with zero values in a tail end of the frame;

the determining when the at least the portion of bits analyzed exceeds the threshold comprises determining when the number of bearer bits with zero values in the tail end exceeds the threshold; and

initiating the determining when the frame comprises the expected sequence of bits when the number of bearer bits with the zero values in the tail end does not exceed the threshold.

11. (Currently Amended) ~~The A~~ method of claim 8, further for enabling wireless communication, comprising:

receiving a wireless communication containing a frame having a plurality of bits;
determining when the frame satisfies a quality check;

analyzing at least a portion of the bits within the frame by comparing the portion of the bits with at least one of a threshold and an expected pattern when the frame does to satisfy the quality check;

determining when the at least the portion of the bits analyzed at least one of exceeds the threshold and is not recognized by the expected pattern; and

identifying the frame as a discontinuous transmission (DTX) when the analyzing of the at least the portion of the bits fails to at lease one of exceed the threshold and recognize the expected patter

receiving a plurality of wireless communications each containing the frame

having the plurality of bits;

selecting one of the plurality of communications; and
the determining when the frame satisfies the quality check comprises determining when the frame of the selected one of the plurality of communications satisfies the quality check.

12. (Currently Amended) ~~The A method of claim 8, further method for enabling wireless communication, comprising:~~

receiving a wireless communication containing a frame having a plurality of bits;
determining when the frame satisfies a quality check;
analyzing at least a portion of the bits within the frame when the frame does not satisfy the quality check;

determining when the at least the portion of the bits analyzed exceeds a threshold;
and

identifying the frame as a discontinuous transmission (DTX) when the analyzing of the at least the portion of the bits fails to exceed the threshold;

receiving a plurality of wireless communications each containing the frame having the plurality of bits;

comparing bit values of a first bit from each of the frames from the plurality of wireless communications;

determining when there is a difference between the bit values for the first bit of each of the frames from the plurality of wireless communications;

determining when there is a majority bit value of the first bit having bit values

found to be different;

assigning the majority bit value to the first bit when the first bits from each of the frames of each of the wireless communications are found to be different; and

regenerating the frame such that the first bit has the majority bit value when the first bit from each of the frames of each of the wireless communications are found to be different.

13. (Currently Amended) ~~The A method of claim 8, further method for enabling wireless communication, comprising:~~

receiving a wireless communication containing a frame having a plurality of bits;

determining when the frame satisfies a quality check;

analyzing at least a portion of the bits within the frame when the frame does not satisfy the quality check;

determining when the at least the portion of the bits analyzed exceeds a threshold;

and

identifying the frame as a discontinuous transmission (DTX) when the analyzing of the at least the portion of the bits fails to exceed the threshold;

receiving a plurality of wireless communications each containing the frame having the plurality of bits;

comparing bit values of the plurality of bits of each of the frames from the plurality of wireless communications;

determining when there is a difference between the bit values for the plurality of bits of each of the frames from the plurality of wireless communications;

determining when there is a majority bit value of the bit values found to be different;

assigning the majority bit value to the bits found to be different; and

regenerating the frame with the bits found not to be different and the bits assigned the majority bit values.

14. (Cancelled)

15. (Currently Amended) ~~The A method of claim 8, further~~ method for enabling wireless communication, comprising:

receiving a wireless communication containing a frame having a plurality of bits;

determining when the frame satisfies a quality check;

analyzing at least a portion of the bits within the frame when the frame does not satisfy the quality check;

determining when the at least the portion of the bits analyzed exceeds a threshold;

and

identifying the frame as a discontinuous transmission (DTX) when the analyzing of the at least the portion of the bits fails to exceed the threshold;

identifying the frame as an erased frame when the at least the portion of the bits analyzed exceeds the threshold; and

controlling a power when the frame is identified as an erased frame

determining when the frame comprises an expected sequence of bits;

performing the identifying the frame as the DTX when the frame does not comprise the expected sequence; and

the identifying the frame as an erased frame comprises identifying the frame as an erased frame when the frame comprises the expected sequence of bits.

16-17. (Cancelled)

18. (Currently Amended) The An apparatus of claim 17, further for use in providing wireless communication, comprising:

a transceiver that receives a wireless communication containing a frame having a plurality of bits;

a frame error code decoder configured to determine when the frame satisfies a quality check;

a frame type determination device coupled with the frame error code decoder, wherein the frame type determination device is configured to analyze at least a portion of the bits within the frame when the frame does not satisfy the quality check and to determine when the at least the portion of bits analyzed a threshold; and

a frame type verification device coupled with the frame type determination device, wherein the frame type verification device is configured to identify the frame as a discontinuous transmission mode (DTX) when the at least the portion of the bits fail to exceed the threshold

a radio link protocol (RLP) receiver coupled with the transceiver, wherein the RLP receiver is configured to determine when the frame comprises an expected sequence of bits; and

the frame type determination further initiates the frame type verification device to identify the frame as the DTX when the frame does not comprise the expected sequence.

19. (Original) The apparatus of claim 18, wherein the frame type determination device is further configured to count a number of bits with predefined values, and determine when the number of bits with the predefined values exceeds the threshold.

20. (Currently Amended) The apparatus of claim [[17]] 18, further comprising a base transceiver station comprising the transceiver, the frame error code decoder, the frame type determination device and the frame type verification device.